Annual Report of the Secretary of Technology

The Honorable Jim Duffey

Secretary of Technology

Presentation to the Joint Commission on Technology and Science

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Technology Priorities

- **Goals One and Two - Information Technology**

  - IT Infrastructure - creating an environment of increased reliability

  - Enterprise - developing enterprise applications and services

- **Goal Three - Start-up Companies**

  - Encouraging the creation and growth of high potential companies

- **Goal Four - Research**

  - Positioning the Commonwealth as a hub for research and commercialization

- **Goal Five – Broadband**

  - Retaining the Commonwealth's position as a national leader

- **Goal Six - Health IT**

  - Expanding the deployment and adoption of electronic medical records and telemedicine

- **Goals Seven and Eight - Modeling and Simulation & Cyber-Security**
  - Build the Commonwealth's presence and competitiveness

Goals 1/2– IT Infrastructure and Enterprise Applications

Ensure a trusted, efficient, and reliable IT infrastructure to support the delivery of government services for executive branch agencies

- – IT Management, Standards, Customer Service, and Security
- – Enterprise Initiatives to Improve Productivity and Efficiency
- – Enterprise Services, Technology Roadmap
- – Cost Saving Initiatives
- – New Services

Goal 3 – Start-up Companies

Make Virginia the Best Place to Start-up or Grow a Business

- – Facilitate Company Formation and Growth in the Commonwealth
- – Participate in Economic Development Activities and Trade Missions
- – Cultivated Prospects for Filling and Leveraging Commonwealth Data Center Sites
- – Support Seed Stage-Equity Investments
- – Focus on Support for Small Businesses

Goal 4 – Research and Commercialization

Coordinate the Commercialization of R&D Developed in VA's Universities with and Emphasis on Energy and Aerospace

- – Facilitate Commercialization of Technologies Developed in Virginia Universities and Labs

- – Encourage the development of "business-friendly" Intellectual Property Rules and Agreements.

- – Completed Commonwealth Technology Roadmap

- – Implemented initial phases of the Commonwealth Research and Commercialization fund.

Goal 5 - Broadband

Promote the Deployment & Adoption of Affordable Broadband Service

- Compiled and launched second generation, interactive broadband service availability map

- Document "connectedness" of Anchor Institutions - schools, libraries, and healthcare facilities Promoted the use of community-based broadband planning

- Serve as the Commonwealth's primary resource for broadband information and assistance

Goal 6 – Health IT

Make Virginia the Leader in Health IT

- Develop and maintain health information exchange standards (Health Information Technology Standards Advisory Committee)
- Support Development of Commonwealth Authentication Services
- Develop programs and resources to support the deployment and adoption of healthcare applications such as electronic medical records

Goals 7/8 - Cyber-Security and Modeling and Simulation

Position Virginia as leader in Cyber-security and Modeling and Simulation

- Crafted cyber-security inventory and report
- Conducted modeling and simulation asset inventory
- Aligned Virginia's modeling and simulation activities with nation-wide initiatives
- Added two modeling and simulation events to Governor's awards at COVITS (awards went to William and Mary (VIMS) and Old Dominion University

For More Information:

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